



DOCKET NO.: THOM-0009

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Hugh Frederick Collins

Confirmation No.: 1127

Application No.: 09/589,579

Group Art Unit: 1714

Filing Date: June 7, 2000

Examiner: Margaret B. Medley

For: REJUVENATION AND/OR CLEANING OF CATALYSTS

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or

before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;
or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

- ☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith

EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

- ☐ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:

- ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. _____, filed _____.

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

☐ The relevance of those listed references which are not in the English language is as follows:

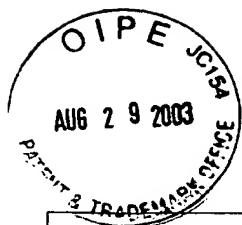
☒ English language abstracts have been provided for references 9, 10, 11 and 14 which are not in the English language.

Date: August 29, 2003



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Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office				Docket No. THOM-0009		Application No. 09/589,579	
				Applicant Hugh Frederick Collins			
				Filing Date June 7, 2000		Group 1714	
				Confirmation No. 1127			
U. S. PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Name	Class	Subclass	
	1	4,147,136	04/03/79	Noguchi, et al.	123	3	
	2	4,265,638	05/05/81	Burke	44	56	
	3	4,748,289	05/31/88	Douglas	585	14	
	4	5,141,524	08/25/92	Gonzalez	44	340	
	5	5,266,082	11/30/93	Sanders	44	357	
	6	5,314,851	05/24/94	Huba	502	22	
	7	5,419,121	05/30/95	Sung, et al.	60	274	
	8	5,688,295	11/18/97	Yang	44	320	
FOREIGN PATENT DOCUMENTS							
Examiner Initial		Document No.	Date	Country	Translation		
					YES	NO	
	9	0 166 006 A1	01/02/86	EPO	X abstract		
	10	0 405 310 A	01/02/91	EPO	X abstract		
	11	WO 97/41336	11/06/97	PCT	X abstract		
	12	WO 01/94013	12/13/01	PCT			
	13	2 333 048 A	07/14/99	Great Britain			
	14	2 493 863	05/14/82	France	X abstract		
EXAMINER				DATE CONSIDERED			